

APPENDIX E – APRON CALCULATIONS
Safford Regional Airport Master Plan Update

Appendix E – Apron Calculations

Demand - 1997

Transient	4 peak hour aircraft x 1.75 ¹ = (5 spaces x 360 s.y.) + (2 spaces x 600 s.y.) =	7 parking spaces 3,000 s.y.
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Based	12 based aircraft (not in hangars) = 12 spaces x 300 s.y. =	12 parking spaces <u>3,600 s.y.</u>
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<i>Existing Apron Area Parking Requirements =</i>	<i>6,600 s.y.</i>
Plus Apron Area Circulation (1x parking req.) =	<u>6,600 s.y.</u>
Total 1997 Apron Requirements	13,200 s.y.

Demand - 2020

Transient	5 peak hour aircraft x 1.75 ¹ = (6 spaces x 360 s.y.) + (3 spaces x 600 s.y.) =	9 parking spaces 3,960 s.y.
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Based	14 based aircraft (not in hangars) = 14 spaces x 300 s.y. =	14 parking spaces <u>4,200 s.y.</u>
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<i>Ultimate Apron Area Parking Requirements =</i>	<i>8,160 s.y.</i>
Plus Apron Area Circulation (1x parking req.) =	<u>8,160 s.y.</u>
Total 2020 Apron Requirements	16,320 s.y.

Notes: ¹The 1.75 multiplier is used to accommodate parking demand of both peak hour operations and other transient aircraft already parked on apron; 360 s.y. and 600 s.y. figures are used as estimated parking area space needed for transient aircraft; area required is based on the most efficient distribution of parked aircraft.

THE STATE



OF ARIZONA

GAME & FISH DEPARTMENT

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April 26, 1999

Mr. Stephen J. Powers
Stantec Consulting Inc.
7776 Pointe Parkway W. Suite 290
Phoenix, Arizona 85044

Re: Special Status Species; Safford Regional Airport - Township 17
South, Range 26 East, Section 1 and Township 17 South, Range
27 East, Section 6

Dear Mr. Powers:

The Arizona Game and Fish Department (Department) has received your letter, dated March 22, 1999, regarding special status species for the above-referenced area and the following information is provided.

The Department's Heritage Data Management System has been accessed and current records show that the special status species listed below have been documented as occurring in the project vicinity.

<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>	<u>STATUS</u>
Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	LE, WC
Western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	WC, S

STATUS DEFINITIONS

LE - **Listed Endangered.** Species identified by the U.S. Fish and Wildlife Service (USFWS) under the Endangered Species Act (ESA) as being in imminent jeopardy of extinction.

WC - **Wildlife of Special Concern in Arizona.** Species whose occurrence in Arizona is or may be in jeopardy, or with known or perceived threats or population declines, as described by the Department's listing of **Wildlife of Special Concern in Arizona** (WSCA, in prep.). Species included in WSCA are currently the same as those in **Threatened Native Wildlife in Arizona** (1988).

S - **Sensitive.** Species classified as "sensitive" by the Regional Forester when occurring on lands managed by the U.S.D.A. Forest Service.

Mr. Stephen J. Powers
April 26, 1999
2

The Department recommends that you contact USFWS, at the address listed below, for additional information regarding ESA and how it applies to the Federal Status species noted above.

Mr. David Harlow
Field Supervisor
Arizona Ecological Services State Office
U.S. Fish and Wildlife Service
2321 West Royal Palm Road, Suite 103
Phoenix, Arizona 85021-4951
Phone: (602) 640-2720
FAX: (602) 640-2730

At this time, the Department's comments are limited to the special status species information provided above. This correspondence does not represent the Department's evaluation of impacts to wildlife or wildlife habitat associated with activities occurring in the subject area. If you have any questions regarding this letter, please contact me at (602) 789-3606.

Sincerely,



Nancy Olson
Project Evaluation Specialist
Habitat Branch

NLO:no

cc: David Harlow, Field Supervisor, Az E.S. State Office, USFWS
Joan Scott, Habitat Program Manager, Region V, Tucson

AGFD# 3-26-99(14)